

## AMENDMENTS TO THE SPECIFICATION

Please amend paragraph [0001] as follows.

[0001] This patent document is related and hereby incorporates by reference in their entirety U.S. Pat. App. Ser. No. 10/284,183, filed October 31, 2002, entitled: "Efficient Spin-Injection Into Semiconductors" (Attorney Docket No. 100203402-1); U.S. Pat. App. Ser. No. 10/284,360, filed October 31, 2002, entitled: "Magnetic Sensor Based on Efficient Spin Injection into Semiconductor" (Attorney Docket No. 100203403-1); co-filed U.S. Pat. App Ser. No. ~~UNKNOWN~~ 10/632,038, entitled "Amplifiers Using Spin Injection And Magnetic Control Of Electron Spins," (Attorney Docket No. 200300686 1); and co-filed U.S. Pat. App. Ser. No. ~~UNKNOWN~~ 10/631,951, entitled "Square-Law Detector Based on Spin Injection and Nanowires" (Attorney Docket No. 200308747-1).

Please insert paragraph [0009.1] as follows, between paragraphs [0009] and [0010].

[0009.1] Figs. 4A and 4B respectively show a cross-section and a cutaway view of a device in which a nanowire overlies a semiconductor region.